

100

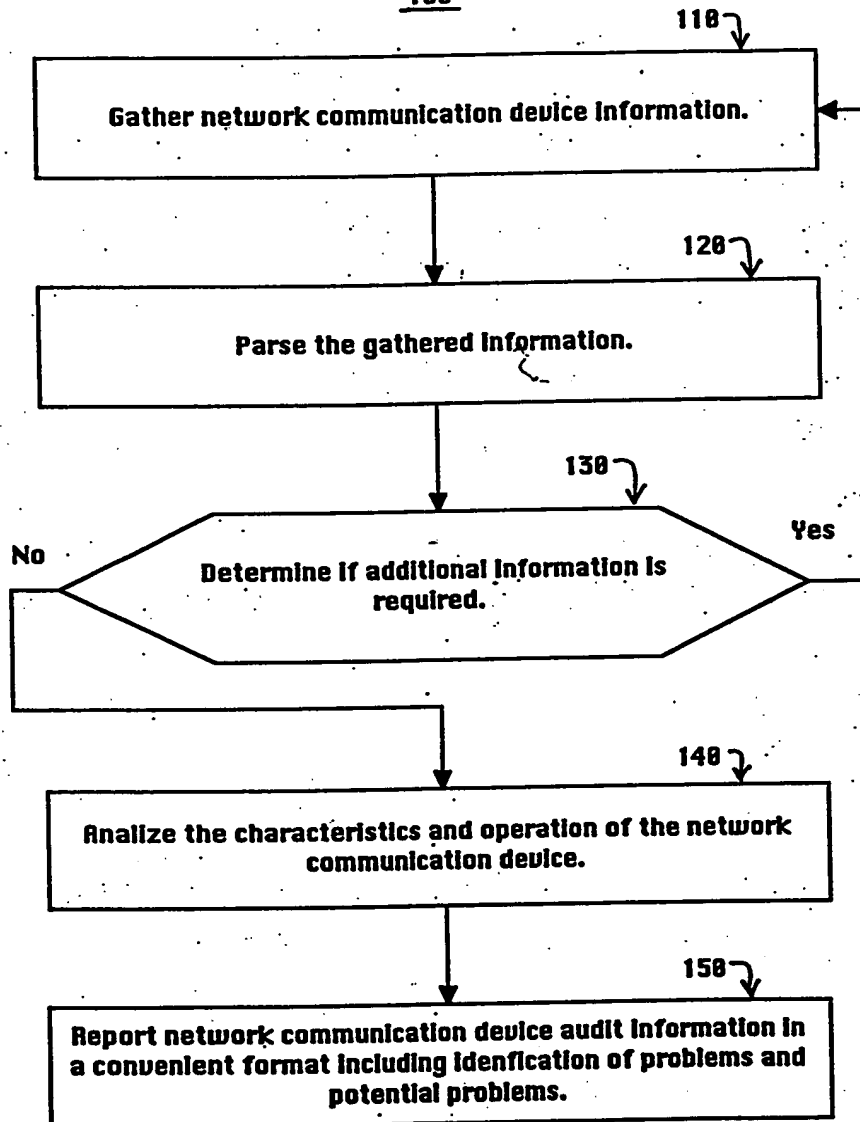


FIG. 1

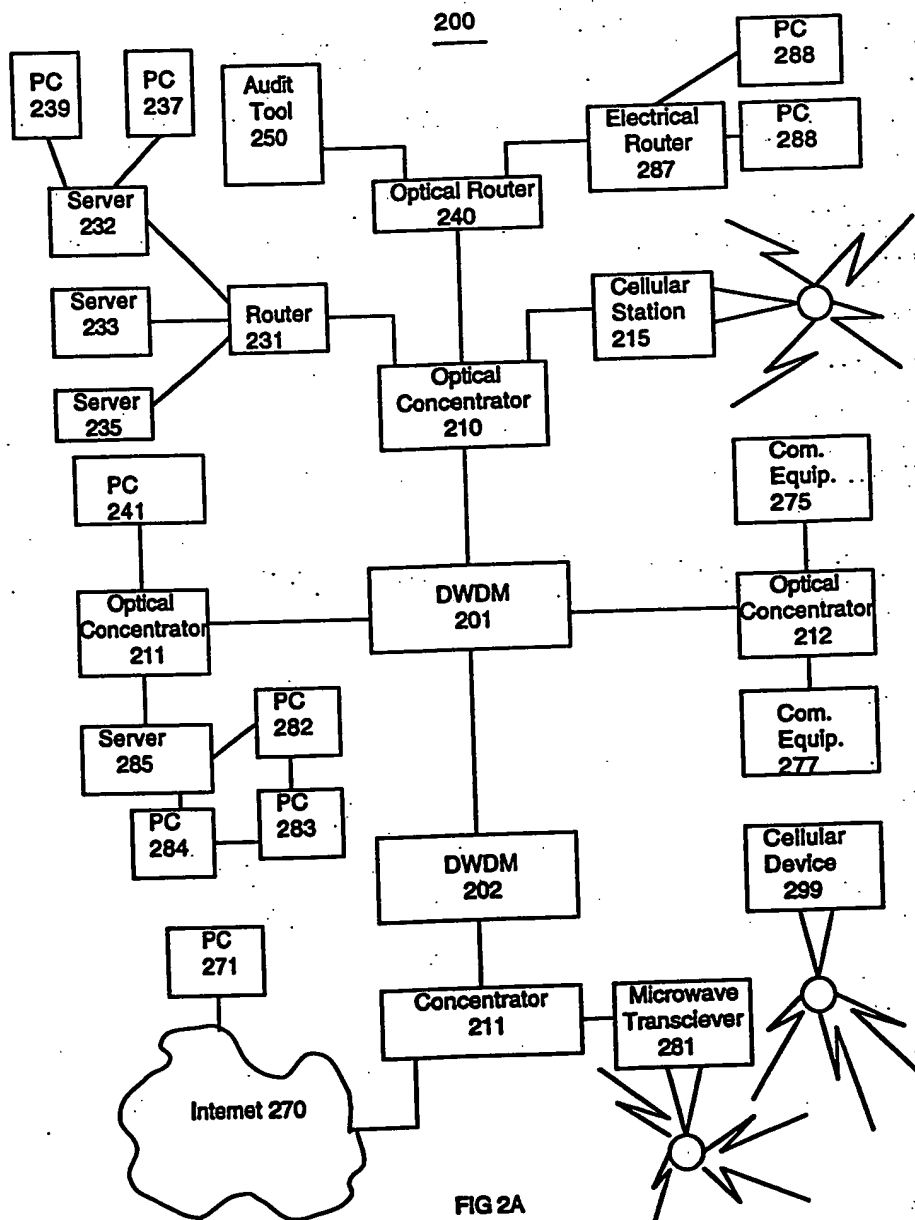


FIG. 2B

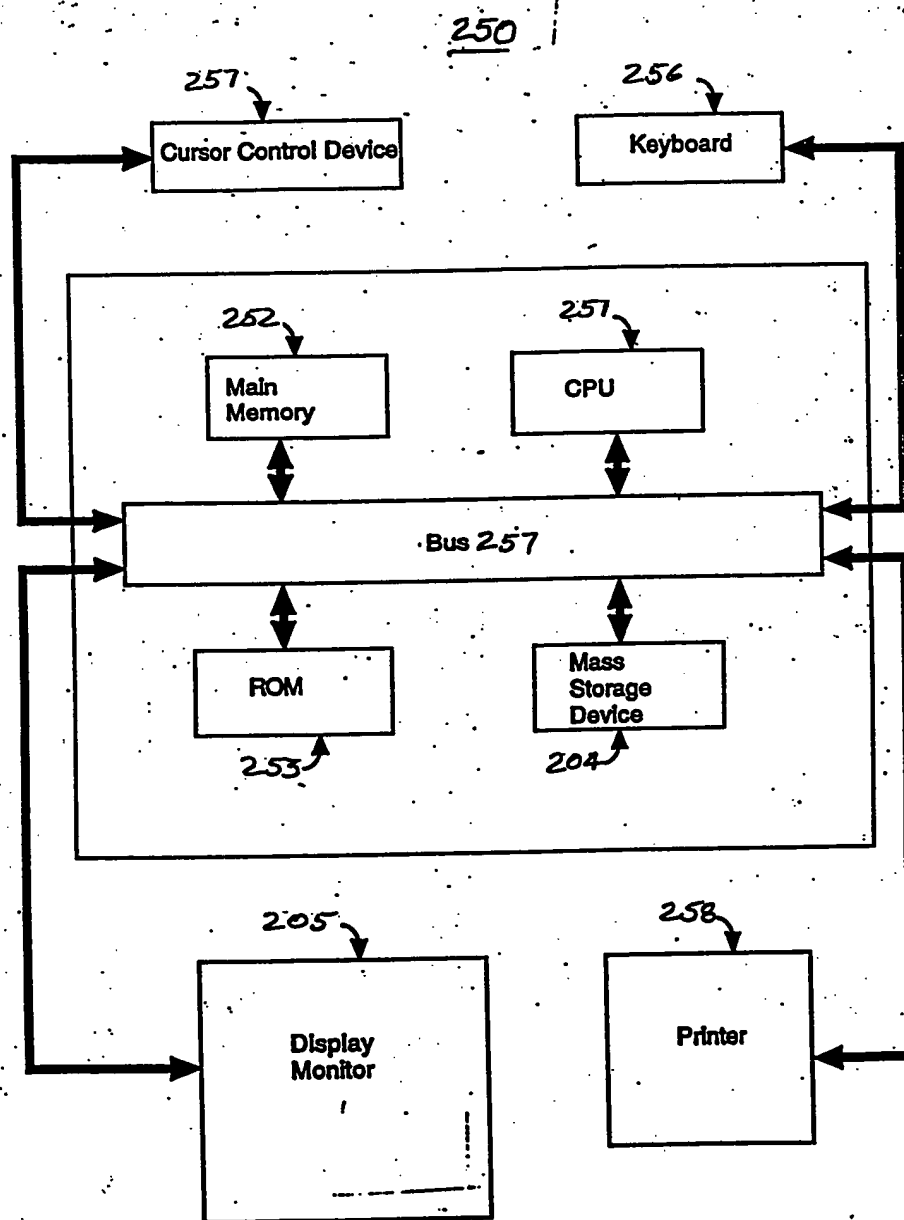


FIG. 2B

300

EXECUTIVE SUMMARY SECTION
310

NET AUDIT DETAIL SECTION
320

NET AUDIT TASK LIST SECTION
330

APENDIX SECTION
340

FIG 3

400

INTRODUCTION TO NETWORK DEVICE AUDIT
410

NETWORK AUDIT DATA COLLECTION SUMMARY
420

NETWORK AUDIT DATA COLLECTION GRAPH
430

NETWORK AUDIT NREP SUMMARY
440

FIG 4A

INTRODUCTION TO: Network Optical Concentrator 15454 Audit.

Optical 15454 network audit provides a convenient identification of the network optical concentrators included in a network and assesment of those network optical concentrators. Network optical concentrators _____ This report asseses the health of these devices according to four network management categories (configuration management, fault management, performance management and capacity management) in a convenient format.

Fig AB

NETWORK AUDIT DATA COLLECTION SUMMARY TABLE

Collection Period	
Collection Start Time	
Collection Stop Time	
Unreachable Nodes	

Fig AC

NETWORK AUDIT DATA COLLECTION GRAPH

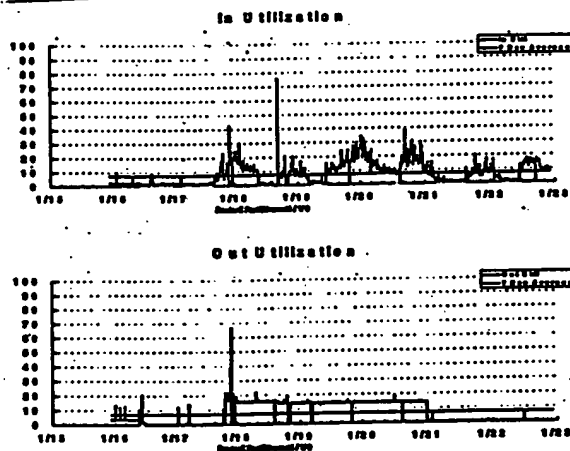


Fig AD

00000-0400-22002800

471
472
473
474
475
477

NETWORK AUDIT NREP SUMMARY																																																																					
Status Indicator		Status Identification						Points Assigned																																																													
Warning		Warning indications appear in data tables highlighted in yellow with bolded font. Warning indications mark possible problematic areas and should be investigated.						1																																																													
Critical		Critical indications appear in data tables highlighted in red with bolded font. Critical indications mark conditions that require immediate attention.						1000																																																													
NET AUDIT HEALTH: 78%																																																																					
Note: Net Audit Health % = 100 - ((Total NREPs/Total Possible NREPs) x100)																																																																					
NREP Summary Table																																																																					
		Critical NREPs:		35,789																																																																	
		Warning NREPs:		58,897																																																																	
		Total NREPs:		94,686																																																																	
NREPs Ratio by Category Graph																																																																					
Notes:																																																																					
NODE CORRELATION TABLE																																																																					
<table border="1"><thead><tr><th></th><th>NREPs</th><th>Rank</th><th>NREPs</th><th>Rank</th><th>NREPs</th><th>Rank</th><th>NREPs</th><th>Rank</th><th></th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>											NREPs	Rank	NREPs	Rank	NREPs	Rank	NREPs	Rank																																																			
	NREPs	Rank	NREPs	Rank	NREPs	Rank	NREPs	Rank																																																													

Fig 4E

Configuration Management Section 510	
System	511
Media	512
Protocol	513
Node	514

Fault Management Section 520	
System	521
Media	522
Protocol	523
Node	524

Performance Management Section 530	
System	531
Media	532
Protocol	533
Node	534

Capacity Management Section 540	
System	541
Media	542
Protocol	543
Node	544

Fig 5

600

SUBIMPACT AREA =

Node:

Model:

System NREP8:

[illegible]

Fig 6

Network Element Table

710

Network Element ID	Network Element Name	Network Element Type	Network Element Status

FIG 7A

Board Table

720

Board ID	Board Name	Board Type	Board Status

FIG 7B

BTS and Synchronization Reference Table

730

BTS ID	BTS Name	BTS Type	BTS Status	Synchronization Reference ID	Synchronization Reference Name	Synchronization Reference Type	Synchronization Reference Status

FIG 7C

Network Element Protection Table

740

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Fig 7D.

Optical Facilities Protection Table

750

Region	Year	Population	Area	Population Density	Area Density
North America	1990	230,000,000	24,000,000 km ²	9.6	0.4
Europe	1990	510,000,000	10,000,000 km ²	51.0	2.5
Asia	1990	3,200,000,000	44,000,000 km ²	72.7	3.2
Africa	1990	530,000,000	30,000,000 km ²	17.7	0.8
South America	1990	270,000,000	17,000,000 km ²	15.9	0.7
Oceania	1990	35,000,000	9,000,000 km ²	3.9	0.2
World	1990	5,200,000,000	149,000,000 km ²	34.9	1.5

Fig. 7E

Cross Connect Table

760

[illegible]

Fig. 7F.

DS1 Service Parameters Table

[illegible]

DS3 Service Parameters Table

[illegible]

Optical Service Parameters Table

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Network Element Field Notice Table

0103

[illegible]

Fig. 8.A

Alarm Status Table

203

[illegible]

FiB

Electrical Performance Table Near End

910

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

Fig 9A:

Optical Performance Table Near End

920

[illegible]

Fig. 9B

Optical Performance Table Far End

930

DATE	DESCRIPTION	AMOUNT	BALANCE
1900			
1901			
1902			
1903			
1904			
1905			
1906			
1907			
1908			
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2020			
2021			
2022			
2023			
2024			
2025			
2026			

Fig. 9C

Network Element Capacity Table

1010.

[illegible]

Fig 10A

Net Audit Task List Table

1020

[illegible]

Fig 10B

1030

Appendix D - Device Unreachable Table

Device Name	Device Type	Device Status
Router 1	PASS	router
Router 2	PASS	C2500

The Failure Type is one of the following:

Duplicated_Fail

Device is in the list more than once and data was unsuccessfully collected.

Duplicated_Pass

Device is in the list more than once and data was successfully collected.

FAIL

Device either had unknown IDs or passwords, or could not be reached due to network problems.

Not Used

Device was in the initial audit request but was not in the device list at the time of the collection.

Switch

Device is a 2500 switch, not a router. NATM will be corrected in the future to properly classify the 2500 switches, so that they do not appear in the Router Stability Net Audit.

Incomplete Command Set

During the data collection, one or more commands were not retrieved from the router, most likely because the connection between the NATM and the router failed.

FIG 10C

RTTRV-INV-SLOT-ALL-301

NOB 1 1070-01-00 013537
M 301 COMPLD

1A	2A	3A	4A	5A	6A
"SLOT-1 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-2 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-3 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-4 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-5 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-6 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-7 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-8 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-9 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-10 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-11 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-12 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-13 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-14 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-15 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-16 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					
"SLOT-17 D83N-12PN-800-00800-03 HWVER-AQ FWER-78-89-00000-001a SN-FAA0130000 CLE-NOCLET"					

Index Number	Field Name	Field Value
1A	Slot Number	CER MA INV
2A	Card Type	CER MA INV
3A	Card Number	CER MA INV
4A	Hardware Version	CER MA INV
5A	Firmware Version	CER MA INV
6A	Serial Number	CER MA INV

FIG 11A

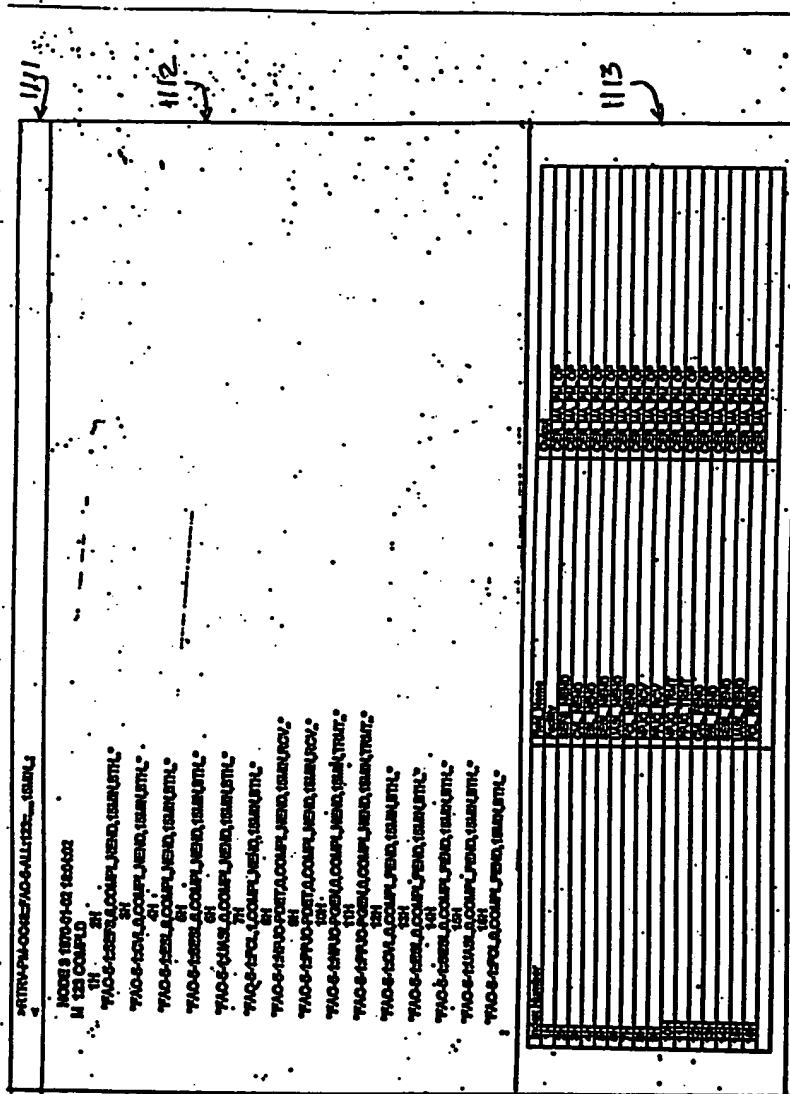


FIG. 11B

Optical Performance Table
Far End

Network Element Index	Interface Index	Interface Number	Port Number Index	OSG Violation	Exceed Second	Exceed Third	Unavailability Seconds
MODE 1	CERJUA-W Index 2A	CERJUA-W Index 1H	CERJUA-W Index 1H	CERJUA-W Index 1H	CERJUA-W Index 1H	CERJUA-W Index 1H	CERJUA-W Index 1H
	OC-48	OC-48	OC-48	OC-48	OC-48	OC-48	OC-48
				OC-48 Interfaces If the number exceeds 1312 for a 15 min. interval or exceeds 864 for a 1 day interval, flag RED.	OC-48 Interfaces If the number exceeds 87 for a 15 min. interval or exceeds 864 for a 1 day interval, flag RED.	OC-48 Interfaces If the number exceeds 1 for a 15 min. interval or exceeds 4 for a 1 day interval, flag RED.	OC-48 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1 day interval, flag RED.

1131
1132
1133

Fig 11C

COMMAND	RETRIEVED INFORMATION
RTRV-INV::SLOT-xxx:yyy;	Slot number, Card Type, Part Number, Hardware Version, Firmware Version, and Serial Number.
RTRV-NE::;	Internet Protocol (IP) Address, Synchronous Transfer Mode, Node Identification (ID), and Timing Mode.
RTRV-EQPT::SLOT-xxx:yyy;	Slot Number, Card Type, and Card Status.
RTRV-BITS::BITS-xxx:yyy;	BITS Reference Number, Line Coding, and Frame Format.
RTRV_SYNC::SYNC-NE:xxx:yyy;	Synchronization Sources such as a First Primary Synchronization Source, Second Synchronization Source, and a Third Synchronization Source.
RTRV-ALM-ALL::yyy;	Alarms and associated Slot Numbers.
RTRV-TOD::yyy;	Time of Day.
RTRV-PM-OCvv::FAC-xxx-ALL:yyy::,,,zz,;	Facility and Near End and Far End performance such as transmission and reception Severly Errored Framing Second (SEFS), Line Coding Violation (CVL), Line Errored Second (ESL), Line Severly Errored Second (SESL), Path Unavailable Second (UASP), Path Coding Violation (CVP), Path Errored Second (ESP), and Path Severly Errored Second (SESP). Transmission and reception NPJC and PPJC information.
RTRV-PM-T1:FAC-xxx-ALL:yyy::,,,zz,;	Facility and Near End performance such as transmission and reception Severly Errored Framing Second (SEFS), Line Coding Violation (CVL), Line Errored Second (ESL), Line Severly Errored Second (SESL), Line Unavailable Second (UASL) and Line Failure Count (FCL). Transmission and reception NPJC and PPJC information.
RTRV-OCvv::FAC-xxx-ALL:yyy::,,,zz,;	Facility, Section DCC Enabled, Timing Source for TOC/TMG Card, Span Switch Wait to Restore Time, STA Monitored Facility for Pointer Justifications, Singal Failure Bit Error Ratio, Signl Degrade Bit Error Ratio Threshold, Facility state, Protection Group Role, and Protection Group Status.
RTRV-T3:CERENT:FAC-xxx-y:zzz::; or RTRV-T1:TID:FAC-vv-uu:yyy;	Facility, Line Type, Line Coding, Line Buildout, and Primary Service State.
RTRV-FFP-EQPT::SLOT-vv:yyy;	Working Slot Number, Protection Slot Number, Protection Group, Protection name, Revertive Mode, and Revertive Time.
RTRV-FFP-OCvv::FAC-xx-yy:zz	Retrieves Informatin on working Slot Number, Protection Slot Number, Protection Group, Protection name, Revertive Mode, Revertive Time and Bidirectional Switch Mode.
RTRV-CRS-STS3C::STS-vv-xx-yyy;	Retrieves Information on From CRS, To CRS and CRS type.

Fig 11D

<p>OC3 Interfaces If the number exceeds 1312 for a 15 min. interval or exceeds 13,120 for a 1-day interval</p> <p>OC12 Interfaces If the number exceeds 5315 for a 15 min. interval or exceeds 53,250 for a 1-day interval</p> <p>OC48 Interfaces If the number exceeds 21,260 for a 15 min. interval or exceeds 212,600 for a 1-day interval</p>	<p>Optical Performance Table Near and Far end Coding Violations</p>	<p>For OC3 Interfaces If the number exceeds 1312 for a 15 min. interval or exceeds 13,120 for a 1-day interval are bolded red</p> <p>For OC12 Interfaces If the number exceeds 5315 for a 15 min. interval or exceeds 53,250 for a 1-day interval are bolded red</p> <p>For OC48 Interfaces If the number exceeds 21,260 for a 15 min. interval or exceeds 212,600 for a 1-day interval are bolded red</p>
<p>DS1 Interfaces If the number exceeds 13,340 for a 15 min. interval or exceeds 133,400 for a 1-day interval</p> <p>DS-3 Interfaces If the number exceeds 367 for a 15 min. interval or exceeds 3665 for a 1-day interval</p> <p>EC-1 Interfaces If the number exceeds 1312 for a 15 min. interval or exceeds 13,120 for a 1-day interval</p> <p>DS3004-S Interface If the number exceeds 367 for a 15 min. interval or exceeds 3665 for a 1-day interval</p>	<p>Electrical Performance Near End table Coding Violations</p>	<p>For DS1 Interfaces If the number exceeds 13,340 for a 15 min. interval or exceeds 133,400 for a 1-day interval are bolded red</p> <p>For DS-3 Interfaces If the number exceeds 367 for a 15 min. interval or exceeds 3665 for a 1-day interval are bolded red</p> <p>For EC-1 Interfaces If the number exceeds 1312 for a 15 min. interval or exceeds 13,120 for a 1-day interval are bolded red</p> <p>For DS3004-S Interface If the number exceeds 367 for a 15 min. interval or exceeds 3665 for a 1-day interval are bolded red</p>
<p>If the number exceeds 67 for a 15 min. interval or exceeds 664 for a 1 day interval</p>	<p>Optical Performance Table Near and Far end Errored Seconds</p>	<p>If the number exceeds 67 for a 15 min. interval or exceeds 664 for a 1 day interval are bolded red</p>
<p>DS1 Interfaces If the number exceeds 65 for a 15 min. interval or exceeds 648 for a 1-day interval</p> <p>DS-3 Interfaces If the number exceeds 25 for a 15 min. interval or exceeds 250 for a 1-day interval</p> <p>EC-1 Interfaces If the number exceeds 67 for a 15 min. interval or exceeds 664 for a 1-day interval</p> <p>DS3004-S Interface If the number exceeds 25 for a 15 min. interval or exceeds 250 for a 1-day interval</p>	<p>Electrical Performance Near End table Errored Seconds</p>	<p>For DS1 Interfaces If the number exceeds 65 for a 15 min. interval or exceeds 648 for a 1-day interval are bolded red</p> <p>For DS-3 Interfaces If the number exceeds 25 for a 15 min. interval or exceeds 250 for a 1-day interval are bolded red</p> <p>For EC-1 Interfaces If the number exceeds 67 for a 15 min. interval or exceeds 664 for a 1-day interval are bolded red</p> <p>For DS3004-S Interface If the number exceeds 25 for a 15 min. interval or exceeds 250 for a 1-day interval are bolded red</p>

FIG 11 E

Item	Warning	Description
<p>DS1 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval</p> <p>DS-3 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval</p> <p>EC-1 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval</p> <p>DS30M-6 Interface If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval</p>	Severely Errored Frame (AEF)	<p>For DS1 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p> <p>For DS-3 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p> <p>For EC-1 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p> <p>For DS30M-6 Interface If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p>
<p>If the number exceeds 1 for a 15 min. interval or exceeds 4 for a 1 day interval</p>	Optical Performance Table Near and Far and Severely Errored Seconds	<p>If the number exceeds 1 for a 15 min. interval or exceeds 4 for a 1 day interval are bolded red</p>
<p>DS1 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 100 for a 1-day interval</p> <p>DS-3 Interfaces If the number exceeds 4 for a 15 min. interval or exceeds 40 for a 1-day interval</p> <p>EC-1 Interfaces If the number exceeds 1 for a 15 min. interval or exceeds 4 for a 1-day interval</p> <p>DS30M-6 Interface If the number exceeds 4 for a 15 min. interval or exceeds 40 for a 1-day interval</p>	Electrical Performance Near End table Severely Errored Seconds	<p>For DS1 Interfaces If the number exceeds 10 for a 15 min. interval or exceeds 100 for a 1-day interval are bolded red</p> <p>For DS-3 Interfaces If the number exceeds 4 for a 15 min. interval or exceeds 40 for a 1-day interval are bolded red</p> <p>For EC-1 Interfaces If the number exceeds 1 for a 15 min. interval or exceeds 4 for a 1-day interval are bolded red</p> <p>For DS30M-6 Interface If the number exceeds 4 for a 15 min. interval or exceeds 40 for a 1-day interval are bolded red</p>
<p>DS1 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1-day interval</p> <p>DS-3 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1-day interval</p> <p>EC-1 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1-day interval</p> <p>DS30M-6 Interface If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval</p>	Slot Number Electrical Performance Near End table Unavailable Seconds	<p>Displays Slot Number</p> <p>For DS1 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p> <p>For DS-3 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p> <p>For EC-1 Interfaces If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p> <p>For DS30M-6 Interface If the number exceeds 10 for a 15 min. interval or exceeds 10 for a 1-day interval are bolded red</p>
<p>If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1 day interval</p>	Optical Performance Table Near and Far and Unavailable Seconds	<p>If the number exceeds 3 for a 15 min. interval or exceeds 10 for a 1 day interval are bolded red</p>

FIG 11 F

Field Number	Card Type	Hardware Version	Firmware Version	Software Version	Description	Resolution
12831	E100T	800-00747-05 A0 or prior	N/A	N/A	Incorrect coding in C3 byte of optical backdoor facility. All versions of the E100T card prior to 800-00747-05 A0 will require a hardware upgrade to support features introduced in version 2.2 CTC (Cisco Transport Controller) and later.	Old revision boards will not operate with CTC 2.2. It is important to understand that upgraded cards Ethernet traffic will not operate using CTC 2.2. If you need additional technical assistance, please call the Cisco Technical Assistance Center at (877) 323-7358.
19	OC12 Cards	800-00755-01 A0 800-00755-01 A0 800-00760-01 A0	N/A	N/A	Bit errors may be seen on an OC-12 card when the incoming line frequency is less than the NE's internal clock by more than 4ppm. This can happen as a result of synchronization problems in the network, or if the node is operating in free running synchronous mode. Bit errors may be seen when synchronization timing references drift off frequency by 4 ppm or more, or when networks are configured to free running synchronous mode.	This issue has been corrected in the current release of all OC-12 cards (Part # 800-00755-02, 800-00759-02, 800-00760-02) and all subsequent versions. If you need additional technical assistance, please call the Cisco Technical Assistance Center at (877) 323-7358.
12832	TCC card	serial number of ranges 31550 and 45500 and FAA04250001 through FAA03040BA	N/A	N/A	While performing a software upgrade to specific TCCs or activating software on specific TCCs these processes may fail. Additional failure symptoms could include unexplained results of the TCC.	Screen each node to determine if these defective TCCs are present and replace them if they are identified to contain the defective component. If you need additional technical assistance, please call the Cisco Technical Assistance Center at (877) 323-7358.

Fig 12

Command	Key Variable (s)	Section	Sub Section	MTB (N) specifies (s)	Poll Freq	Net Info	Net Advice	Include?
RTRN-OCIB-7AC-6-1234		Performance Configuration Fault	System Media		hourly	BIT Error Ratio For Signal Fault - the default value is 1E-4. It has been determined that your value is something other than the default. BIT Error Ratio For Signal Degradation - the default value is 1E-7. It has been determined that your value is something other than the default.	Verify the current value set and investigate why it has changed from default. In some networks, tuning is advantageous and values other than default are acceptable.	✓
RTRN-TSCRENT-7AC-1-1123		Performance Configuration Fault	System Media		hourly	Line type - the default value for all DS and EC interfaces except the DS30M-4 is D4. The default value for the DS30M-4 is C B4. It has been determined that your value is something other than the default. Line Code - the default value for all DS and EC interfaces except the DS30M-4 is AML. The default value for the DS30M-4 interface is B325. It has been determined that your value is something other than the default. Circuit Line Buildout - the default value for DS-1 interfaces is 0-131. The default value for EC-1 and DS-3 interfaces is 0-255. The default value for the EC-12 interface is 0-255. It has been determined that your value is something other than the default.	Verify the current value set and investigate why it has changed from default. In some networks, tuning is advantageous and values other than default are acceptable.	✓
RTRN-T1-TD-7AC-3-1123		Performance Configuration Fault	System Media		hourly	Line type - the default value for all DS and EC interfaces except the DS30M-4 is D4. The default value for the DS30M-4 is C B4. It has been determined that your value is something other than the default. Line Code - the default value for all DS and EC interfaces except the DS30M-4 is AML. The default value for the DS30M-4 interface is B325. It has been determined that your value is something other than the default. Circuit Line Buildout - the default value for DS-1 interfaces is 0-131. The default value for EC-1 and DS-3 interfaces is 0-255. The default value for the EC-12 interface is 0-255. It has been determined that your value is something other than the default.	Verify the current value set and investigate why it has changed from default. In some networks, tuning is advantageous and values other than default are acceptable.	✓

Fig 13